



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/600,571 Confirmation No. 9645  
Applicant : Masao Hori et al.  
Filed : June 23, 2003  
TC/A.U. : 1754  
Examiner : Unknown  
Dkt. No. : HARA-072-046  
Cust. No. : 20374

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 16, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. These documents have been cited in an Office Action in a corresponding Japanese application. One copy of each of the listed documents, a copy of the action and an English translation thereof is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior

to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

The undersigned hereby states that each item of information contained in this statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

The undersigned also hereby states that the information contained in this information disclosure statement was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement.

Documents FA to FE are not in the English language. However, the concise explanation of the relevance of the documents required under 37 C.F.R. §1.98 is believed to be satisfied by submission of English language abstracts thereof. The concise explanation of the relevance of the documents required under 37 C.F.R. §1.98 is also believed to be satisfied by submission of the English language translation of the action (MPEP 609 III. A(3)).

U.S. Patent Appln. S.N. 10/600,571  
INFORMATION DISCLOSURE STATEMENT

**PATENT**

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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Attachments: PTO-1449  
5 Documents  
Japanese Office Action & English Translation

**INFORMATION DISCLOSURE STATEMENT**

PTO-1449

Atty. Docket No.  
HARA-072-046

Serial No.  
10/600,571

Applicant:  
Masao HORI et. al

Filing Date:  
June 23, 2003

Group:  
1754

**U.S. PATENT DOCUMENTS**

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA						
	UB						
	UC						
	UD						
	UE						
	UF						
	UG						

**FOREIGN PATENT DOCUMENTS**

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	04-231645 A	08/20/92	JP	Abstract
	FB	06-099069 A	04/12/94	JP	Abstract
	FC	07-232064 A	09/05/95	JP	Abstract
	FD	06-327980 A	11/29/94	JP	Abstract
	FE	04-027431 A	01/30/92	JP	Abstract
	FF				
	FG				

**OTHER DOCUMENTS**

Examiner's Initial		
	DA	
	DB	
	DC	

Examiner:	Date Considered:
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KTK/bwj